## (19) World Intellectual Property Organization International Bureau



## 

(43) International Publication Date 9 June 2005 (09.06.2005)

PCT

(10) International Publication Number WO 2005/051645 A1

- (51) International Patent Classification7: B32B 3/20, 15/08
- (21) International Application Number:

PCT/GB2004/004622

(22) International Filing Date:

1 November 2004 (01.11.2004)

(25) Filing Language:

English

(26) Publication Language:

· English

(30) Priority Data:

0326608.7

14 November 2003 (14.11.2003) GB

- (71) Applicant (for all designated States except US): INTEL-LIGENT ENGINEERING (BAHAMAS) LIMITED [BS/BS]; Bahamas International Trust Building, Bank Lane, P.O. Box N8188, Nassau (BS).
- (71) Applicant (for MW only): LEEMING, John, Gerard [GB/GB]; 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): KÉNNEDY, Stephen, John [CA/CA]; 42 Hampton Avenue, Ottawa, Ontario K17 0N2 (CA).

(74) Agents: LEEMING, John, Gerard et al.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

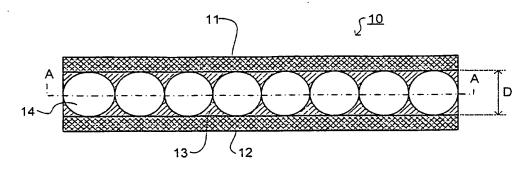
- (81) Designated States (unless otherwise indicated. for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IMPROVED STRUCTURAL SANDWICH PLATE MEMBERS WITH FORMS



(57) Abstract: A structural sandwich plate member is provided with a plurality of lightweight forms within the space between the outers plates. The forms do not tesselate and have principal dimensions in the range of from 20 to 200% of the distance between the outer plates.



2005/051645 A1